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Changed chart(s) since Disc 23-2009

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 23-2009

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UWKD

Kazan, RUS  
N 55° 36.4' E 49° 16.9' Mag Var: 11.2°E  
Elevation: 414'

Fuel: Jet A-1  
Repairs: Major Airframe, Major Engine

Time Zone Info: GMT+3:00 uses DST

Runway 11L-29R 12218' x 144' concrete  
Runway 11R-29L 8196' x 148' concrete

Lights: Edge, ALS, Centerline

Displaced Threshold Distance 837'

Runway 29L (292.0°M) TDZE 408'

Runway 29R (292.0°M) TDZE 410'

Lights: Edge, ALS, Centerline, TDZ

## ATIS 126.8

Kazan Start Tower **120.3**

Kazan Taxiing Ground Control **121.7**

Kazan Tower Radar **120.3**

Kazan Radar **124.0**

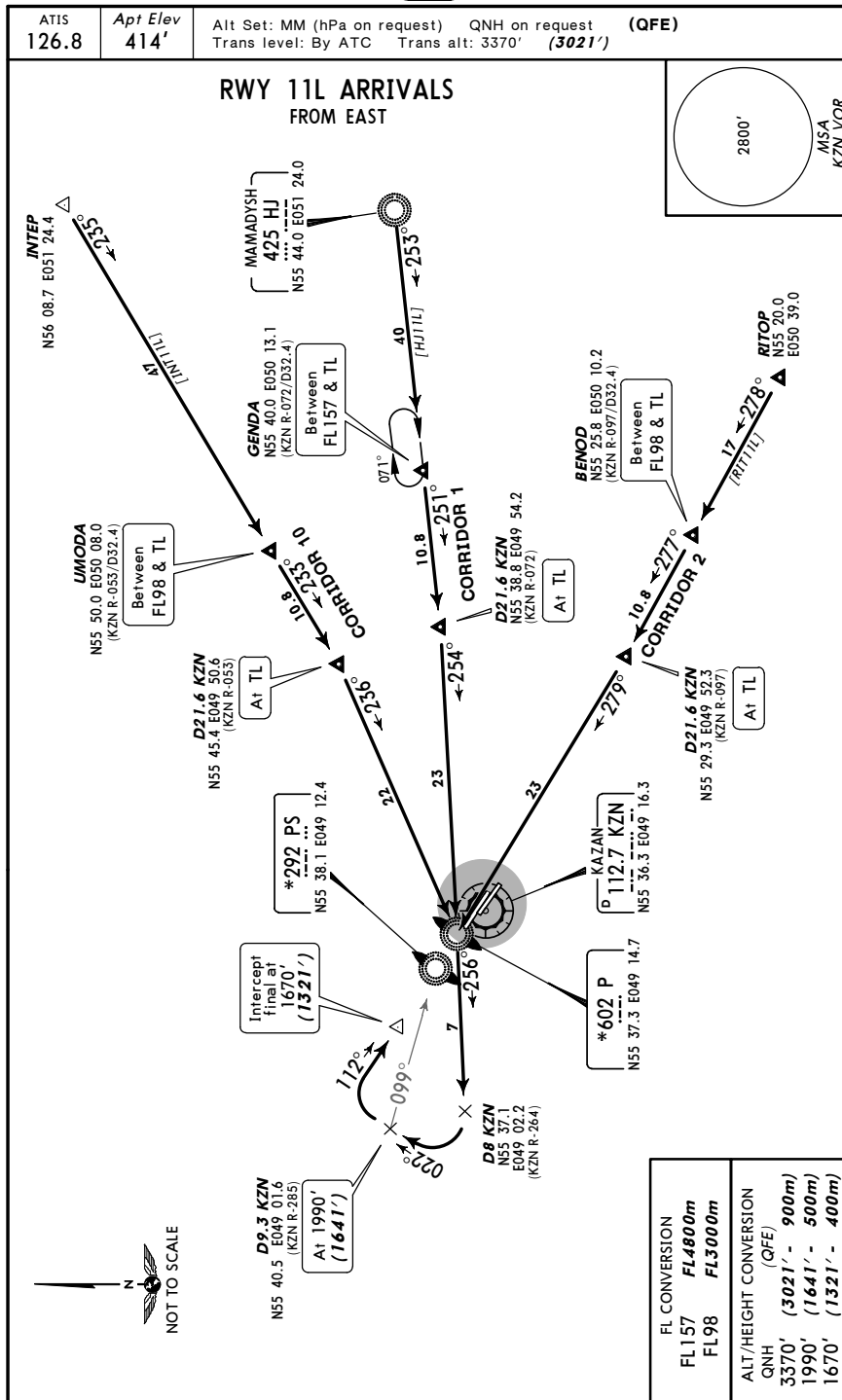
Kazan Radar **119.4** At or below 9800'

## Notebook Info

UWKD/KZN  
KAZAN

JEPPesen  
14 AUG 09 10-2 Eff 27 Aug

KAZAN, RUSSIA  
STAR



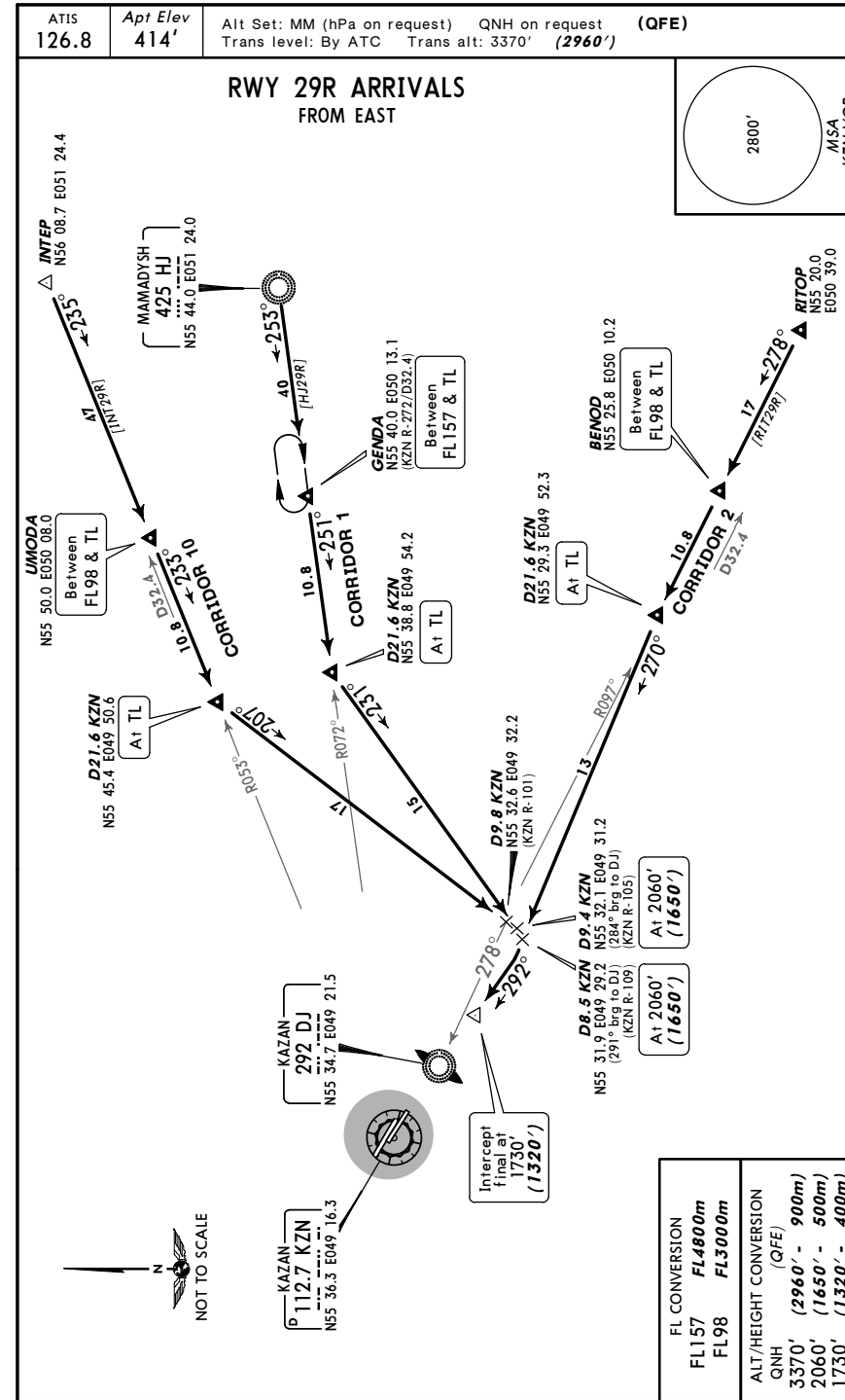
CHANGES: Arrivals revised.

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UWKD/KZN  
KAZAN

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14 AUG 09 10-2A Eff 27 Aug

KAZAN, RUSSIA  
STAR



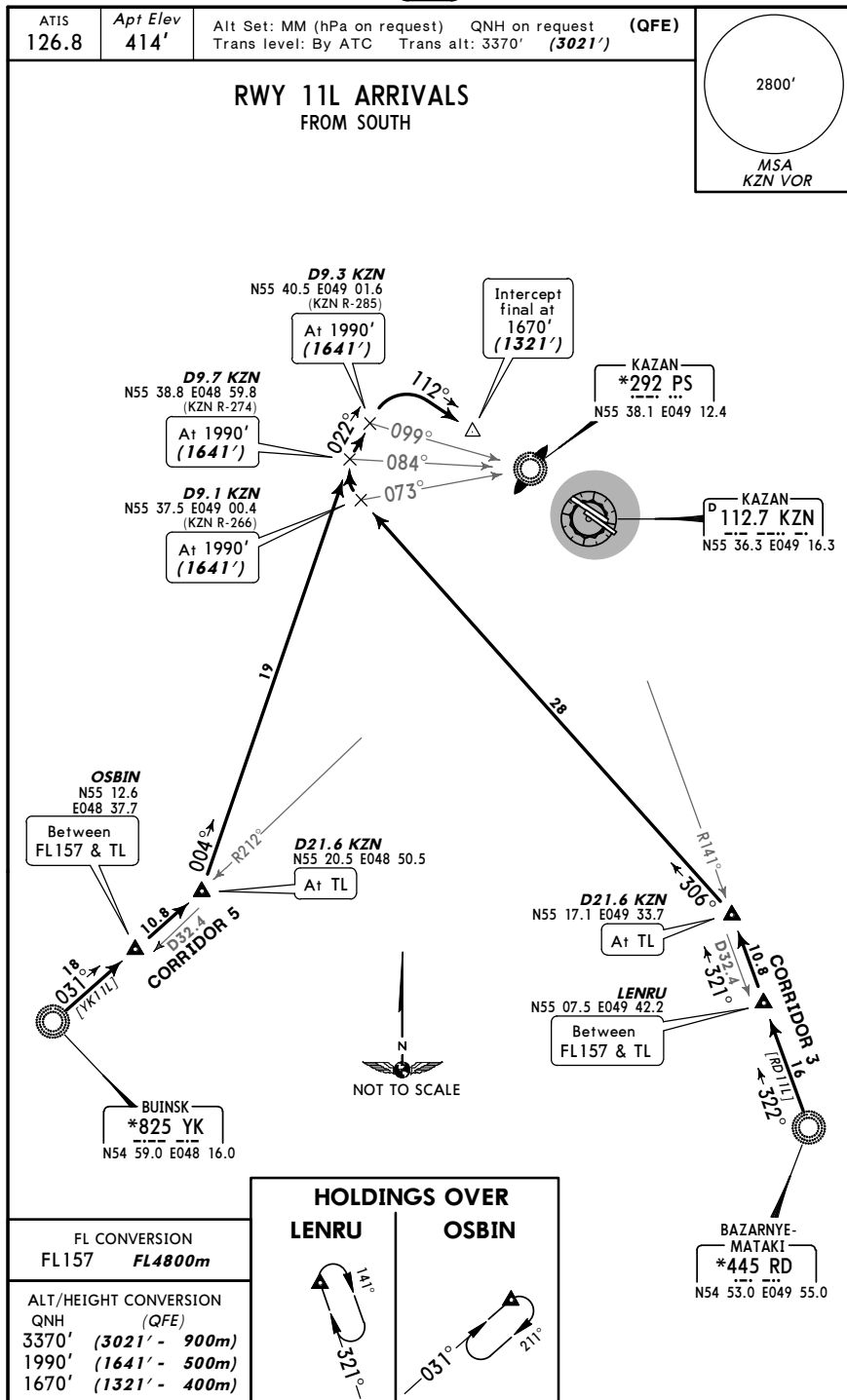
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KAZAN

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14 AUG 09 10-2B Eff 27 Aug

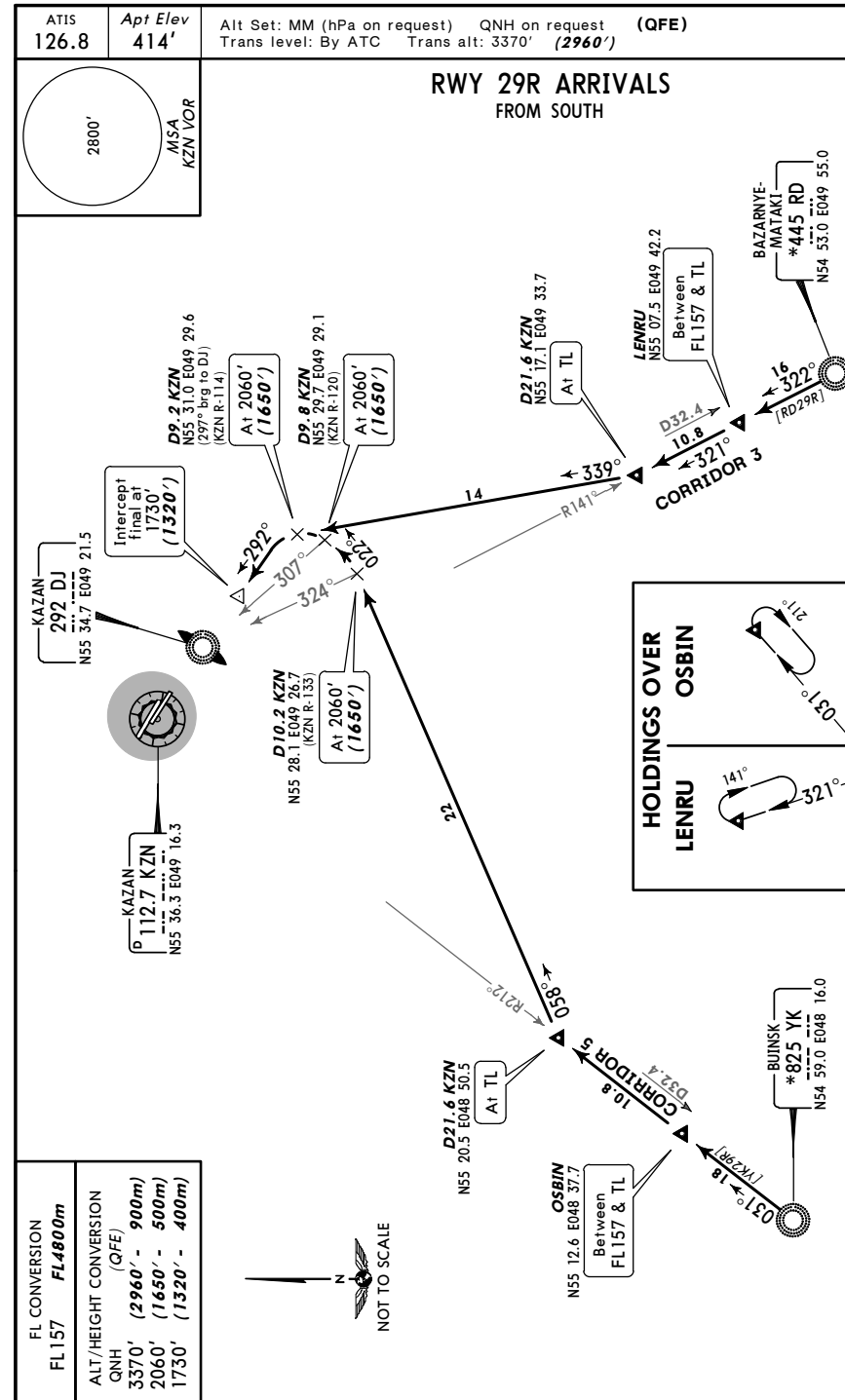
KAZAN, RUSSIA  
STAR



UWKD/KZN  
KAZAN

JEPPESEN  
14 AUG 09 10-2C Eff 27 Aug

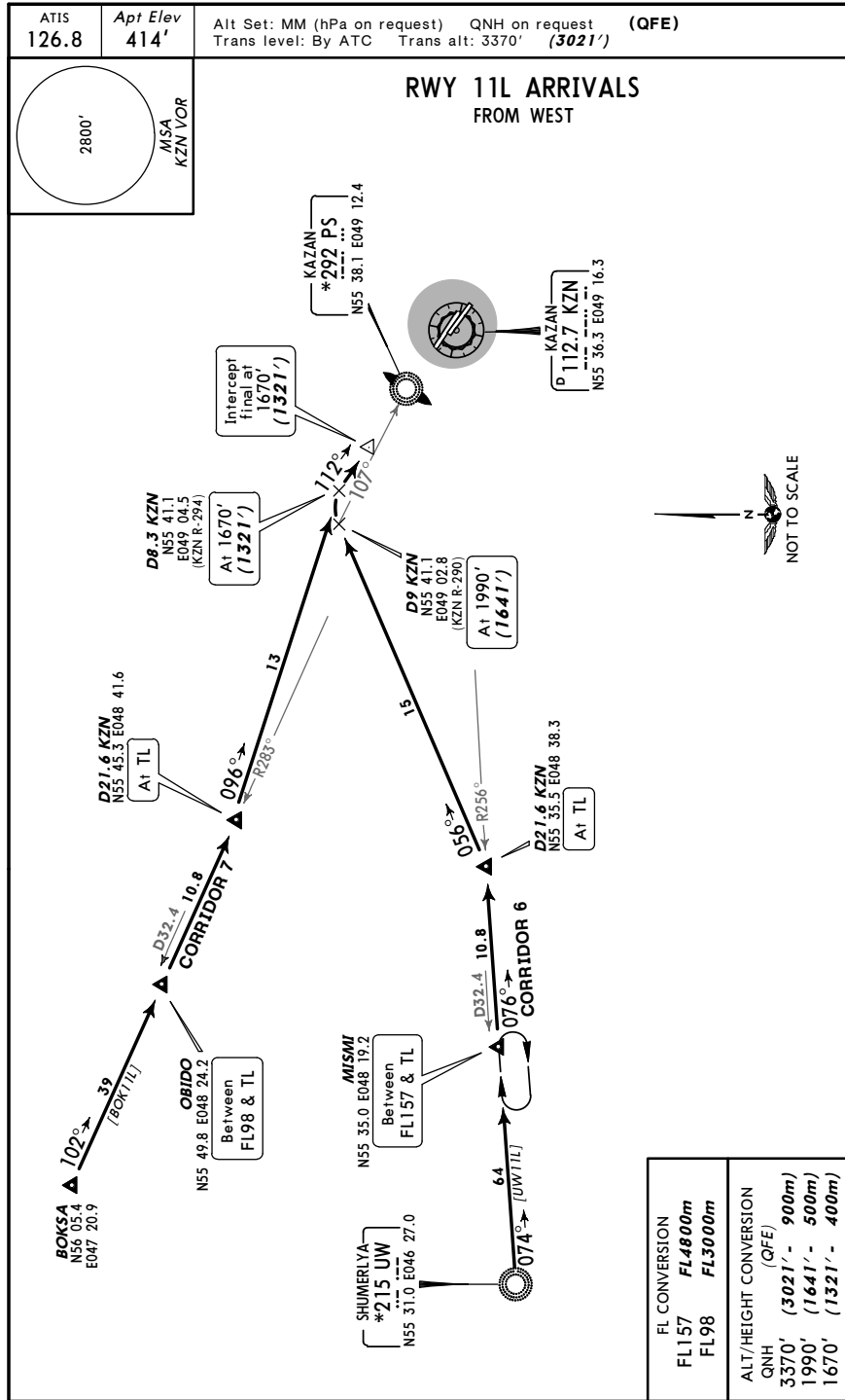
KAZAN, RUSSIA  
STAR



UWKD/KZN  
KAZAN

JEPPesen  
14 AUG 09 10-2D Eff 27 Aug

KAZAN, RUSSIA  
STAR



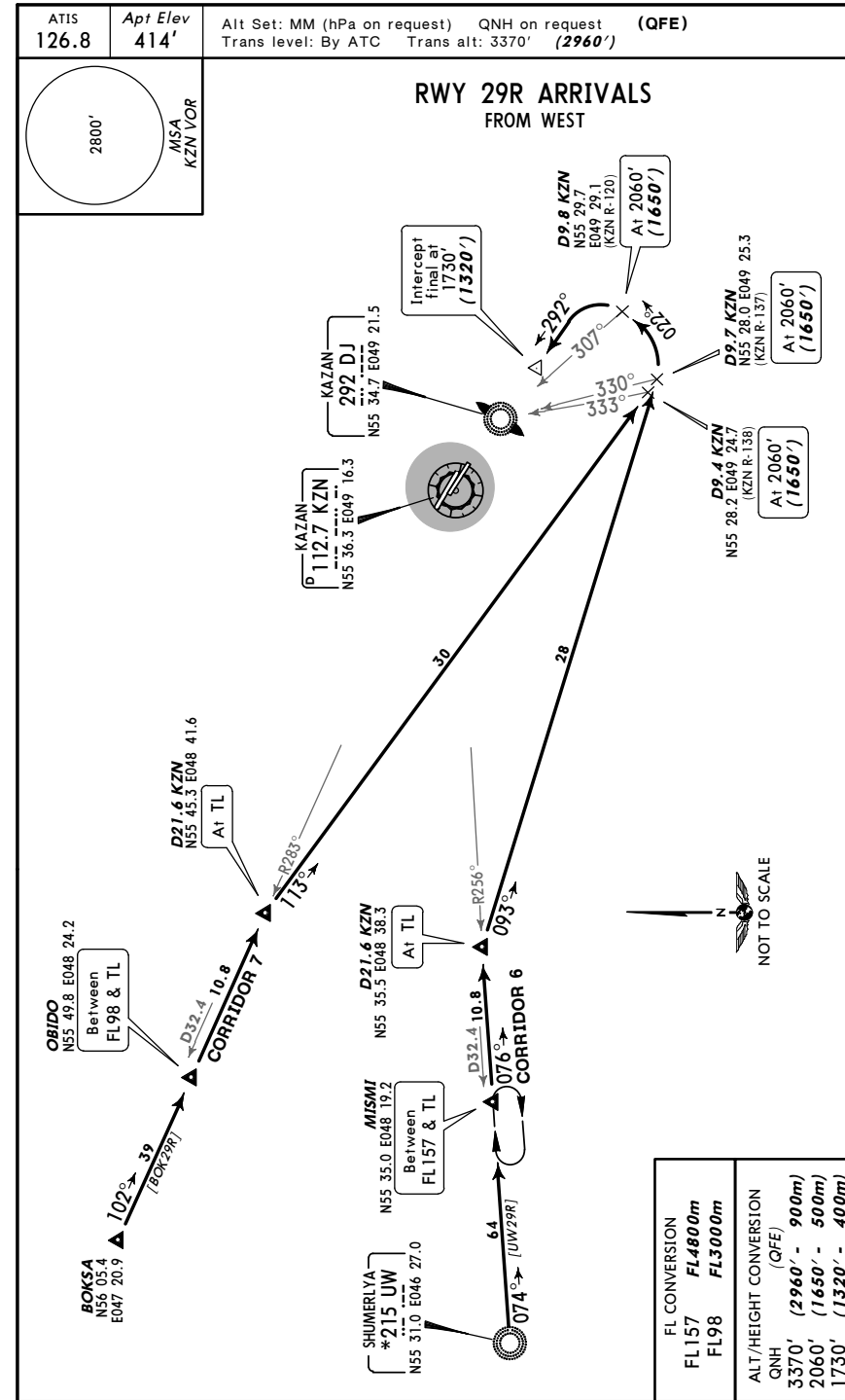
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UWKD/KZN  
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14 AUG 09 10-2E Eff 27 Aug

KAZAN, RUSSIA  
STAR



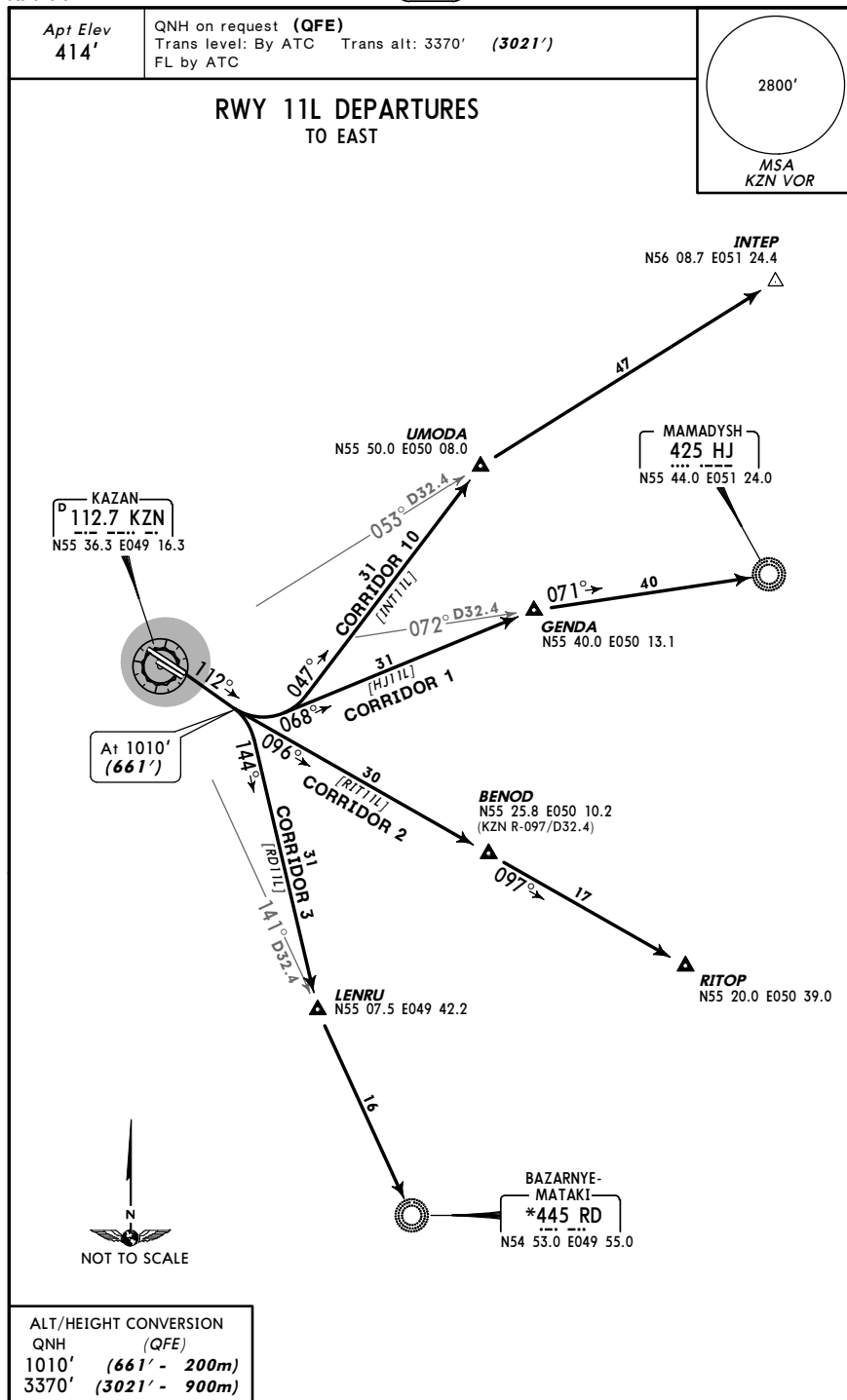
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UWKD/KZN  
KAZAN

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14 AUG 09 (10-3) Eff 27 Aug

KAZAN, RUSSIA  
SID



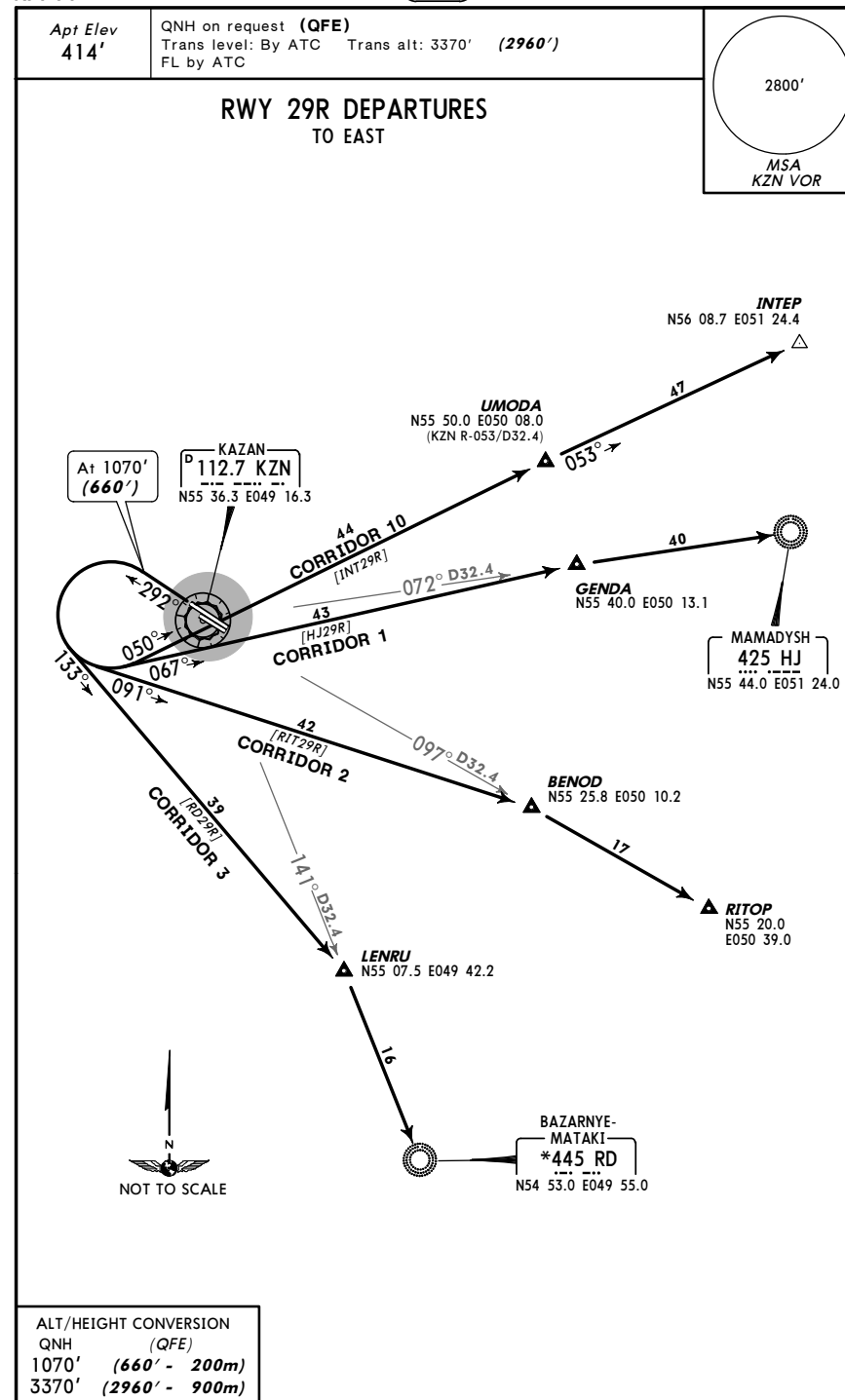
CHANGES: SUBIK replaced by INTP; BENOD INS coords; MSA center.

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UWKD/KZN  
KAZAN

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14 AUG 09 (10-3A) Eff 27 Aug

KAZAN, RUSSIA  
SID



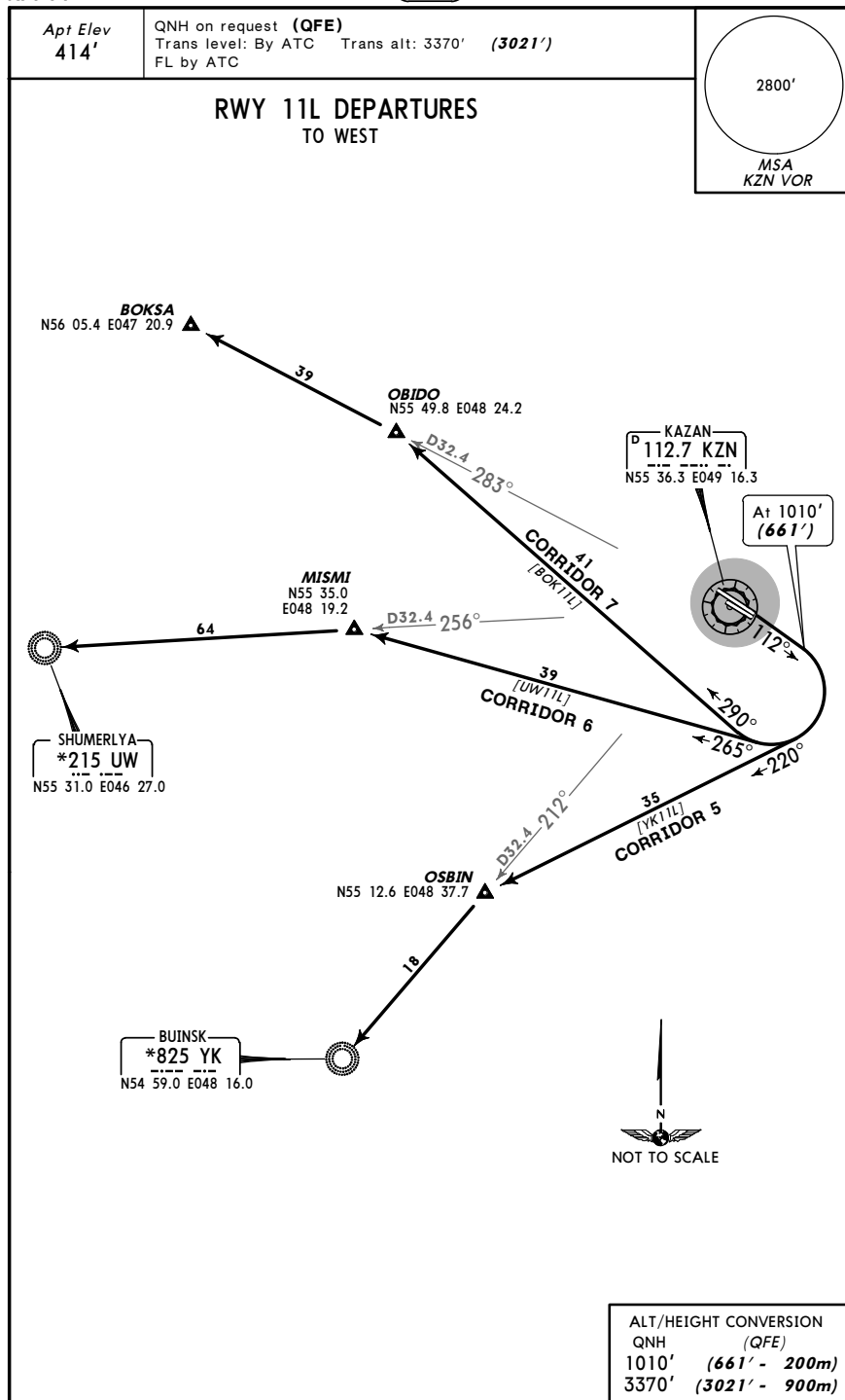
CHANGES: SUBIK replaced by INTP; BENOD INS coords; MSA center.

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UWKD/KZN  
KAZAN

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14 AUG 09 (10-3B) Eff 27 Aug

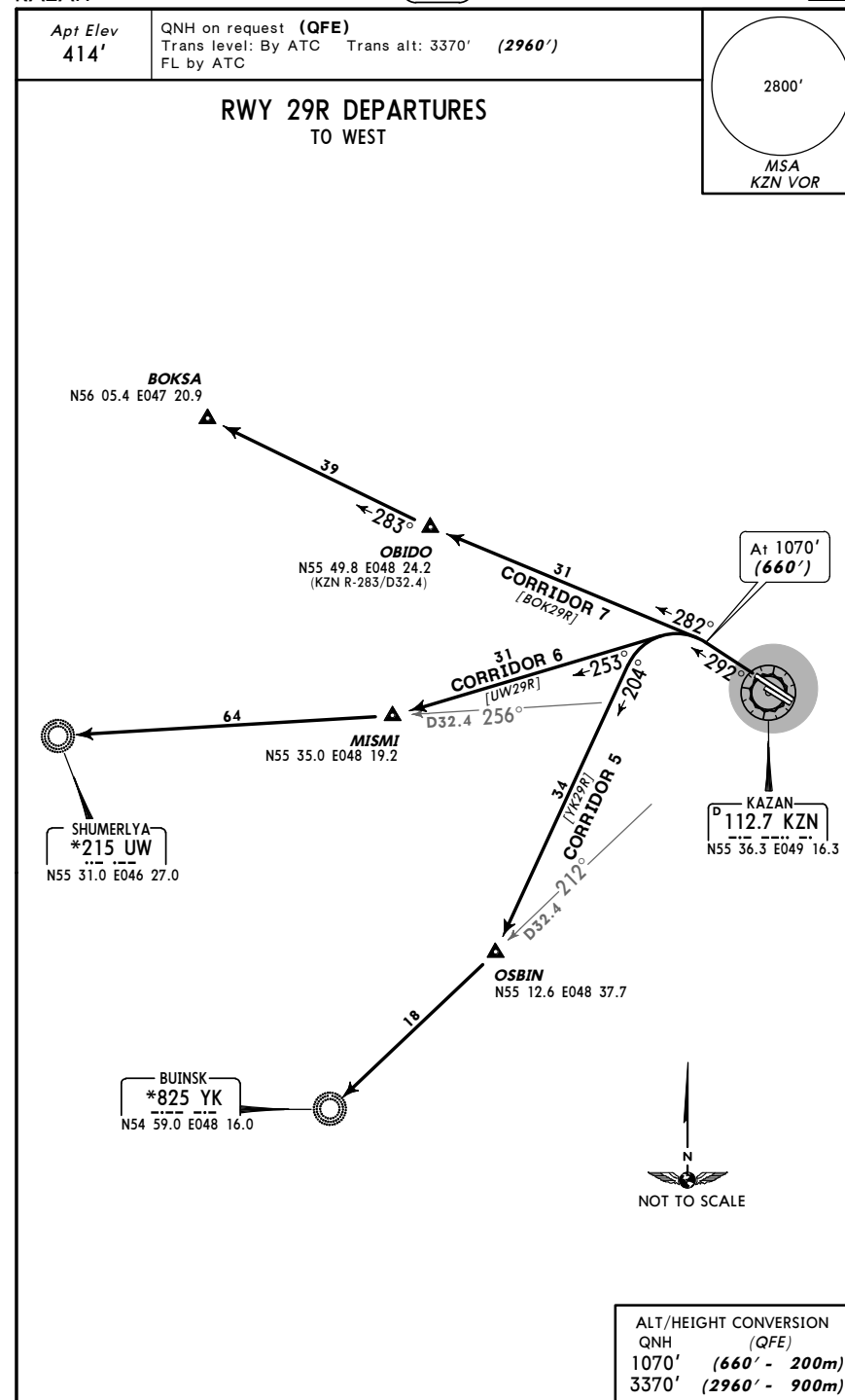
KAZAN, RUSSIA  
SID



UWKD/KZN  
KAZAN

JEPPESEN  
14 AUG 09 (10-3C) Eff 27 Aug

KAZAN, RUSSIA  
SID



UWKD/KZN  
KAZAN

JEPPesen  
29 OCT 04 (10-4)

KAZAN, RUSSIA  
NOISE

## NOISE ABATEMENT

### GENERAL

Noise abatement procedures shall not be executed at the expense of reduction of flight safety.

### DEPARTURES

Special take-off procedures for the purpose of noise abatement when passing above terrain arid conditioned and environmentally protected shall be executed by crews of all aircraft:

#### TAKE-OFF AND CLIMBING PHASE RUNWAYS 29L/R

Take-off to 1900' (1486'-450m)	Take-off power take-off flaps climb at $V_2 + 10-20$ KT at 1080' (666'-200m) turn with 25° bank
At 1900' (1486'-450m)	reduce engine power to rated power under keeping of positive rate of climb
From 1900' (1486'-450m) to 3370' (2956'-900m)	climb at $V_2 + 10-20$ KT
At 3370' (2956'-900m)	accelerate to speed of wing devices retraction retract wing devices further climb (reaching FL) shall be executed at a speed recommended by the Airplane Flight Manual.

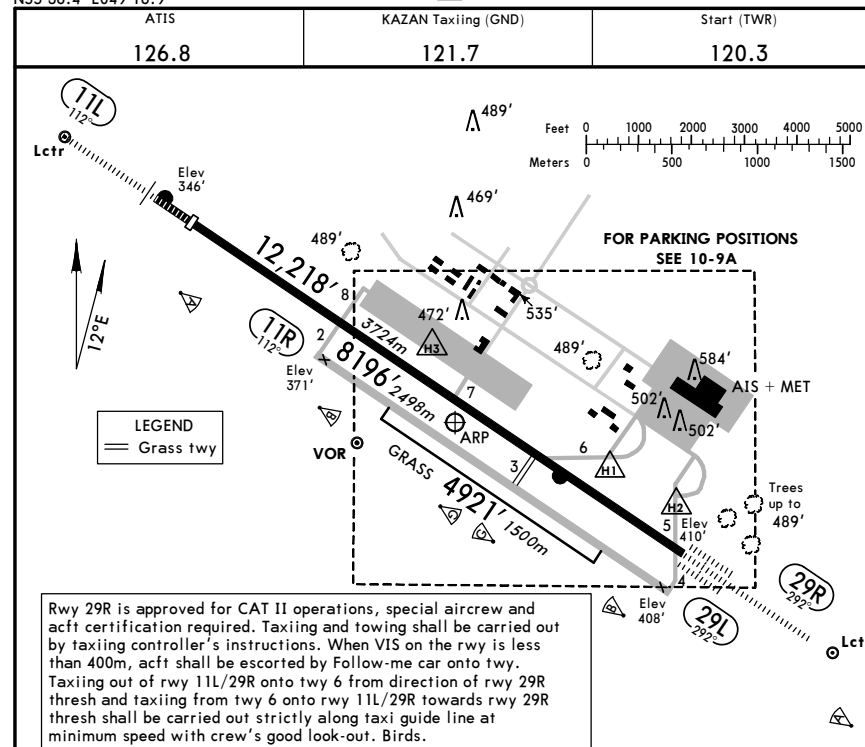
Noise abatement procedure during take-off shall not be carried out in cases of:

- wind shear
- moderate bumpiness
- icing
- one of the aircraft engines failure during take-off phase.

UWKD/KZN  
Apt Elev 414'  
N55 36.4 E049 16.9

JEPPesen  
19 DEC 08 (10-9)

KAZAN, RUSSIA  
KAZAN



ADDITIONAL RUNWAY INFORMATION						
RWY		USABLE LENGTHS		TAKE-OFF	WIDTH	
		Threshold	Landing Beyond			
11L	HIRL(60m) CL(15m) HIALS PAPI-L(3.0°)	RVR	11,381' 3469m	10,599' 3231m	1	144' 44m
29R	HIRL(60m) CL(15m) HIALS-II TDZ PAPI-L(3.0°)	RVR		11,201' 3414m		
11R	Runway withdrawn from service for acft					148' 45m
29L						
11	Grass runway					262' 80m
29						

#### 1 TAKE-OFF RUN AVAILABLE

##### RWY 11L:

First 837'/255m unusable  
for take-off.  
From displ thresh 11,381'(3469m)  
twy 8 int 8091'(2466m)  
twy 7 int 5427'(1654m)  
twy 6 int 3596'(1096m)

##### RWY 29R:

From rwy head 12,218'(3724m)  
turning pad 9564'(2915m)  
twy 6 int 8655'(2638m)  
twy 7 int 6791'(2070m)  
twy 8 int 4127'(1258m)

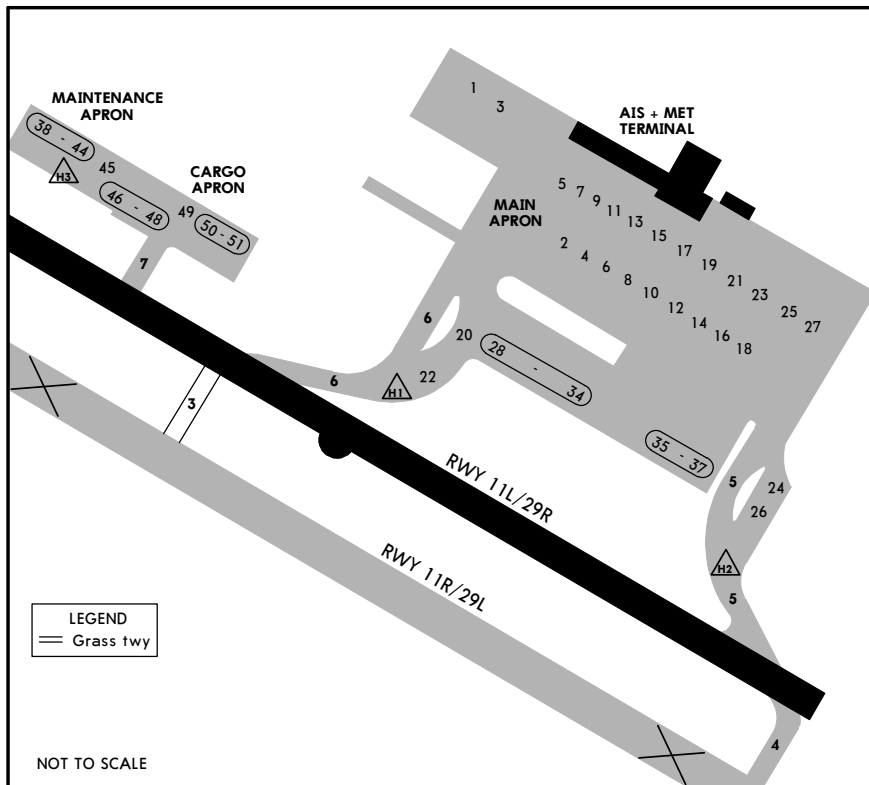
TAKE-OFF		
AIR CARRIER (JAA)		
Main rwy 11L/29R		
LVP must be in force		
RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A	250m	400m
B		
C	300m	
D		



UWKD/KZN

19 DEC 08 **10-9A**

KAZAN, RUSSIA  
KAZAN



Taxiing on twys 5 and 6 with occupied stands 20, 22, 24 or 26 shall be carried out strictly along centerline at reduced speed with the crew's good look-out.  
Stands 23, 25, 32 thru 37 available for helicopters.

UWKD/KZN

24 NOV 06 **10-9X**

JAA MINIMUMS  
KAZAN, RUSSIA  
KAZAN

STRAIGHT-IN RWY		A	B	C	D
11L	ILS	<b>549'</b> (200')	<b>549'</b> (200')	<b>549'</b> (200')	<b>549'</b> (200')
		<b>R550m</b>	<b>R550m</b>	<b>R550m</b>	<b>R550m</b>
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
2 NDB		<b>680'</b> (331')	<b>680'</b> (331')	<b>680'</b> (331')	<b>680'</b> (331')
		<b>R900m</b>	<b>R1000m</b>	<b>R1000m</b>	<b>R1400m</b>
	ALS out	R1500m	R1500m	R1800m	R2000m
1 NDB		<b>1010'</b> (661')	<b>1010'</b> (661')	<b>1170'</b> (821')	<b>1170'</b> (821')
		<b>R1200m</b>	<b>R1400m</b>	<b>R1400m</b>	<b>R1800m</b>
	ALS out	R1500m	R1500m	R2000m	R2000m
29R	CAT II ILS	<b>510'</b> (100')	<b>510'</b> (100')	<b>510'</b> (100')	<b>510'</b> (100')
		<b>RA 113' R300m</b>	<b>RA 113' R300m</b>	<b>RA 113' R300m</b>	<b>RA 113' R300m</b>
	ILS	<b>610'</b> (200')	<b>610'</b> (200')	<b>610'</b> (200')	<b>610'</b> (200')
		<b>R550m</b>	<b>R550m</b>	<b>R550m</b>	<b>R550m</b>
	ALS out	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTHORIZED			
2 NDB		<b>860'</b> (450')	<b>860'</b> (450')	<b>860'</b> (450')	<b>860'</b> (450')
		<b>R1000m</b>	<b>R1200m</b>	<b>R1200m</b>	<b>R1600m</b>
	ALS out	R1500m	R1500m	R2000m	R2000m
1 NDB		<b>1070'</b> (660')	<b>1070'</b> (660')	<b>1240'</b> (830')	<b>1240'</b> (830')
		<b>R1200m</b>	<b>R1400m</b>	<b>R1400m</b>	<b>R1800m</b>
	ALS out	R1500m	R1500m	R2000m	R2000m

#### TAKE-OFF RWY 11L

LVP must be in Force			
RCLM (DAY only) or RL		RCLM (DAY only) or RL	NIL (DAY only)
A	250m	400m	500m
B			
C			
D	300m		

#### TAKE-OFF RWY 29R

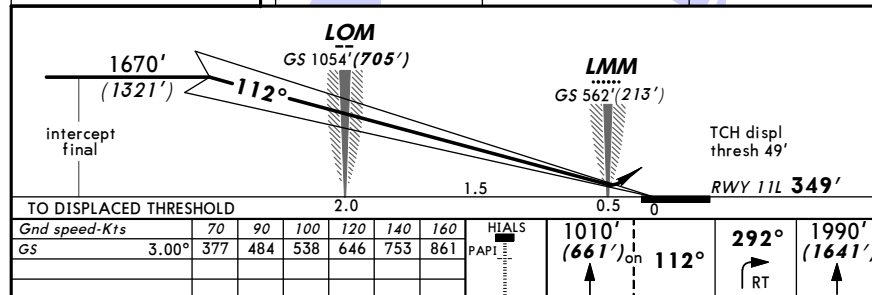
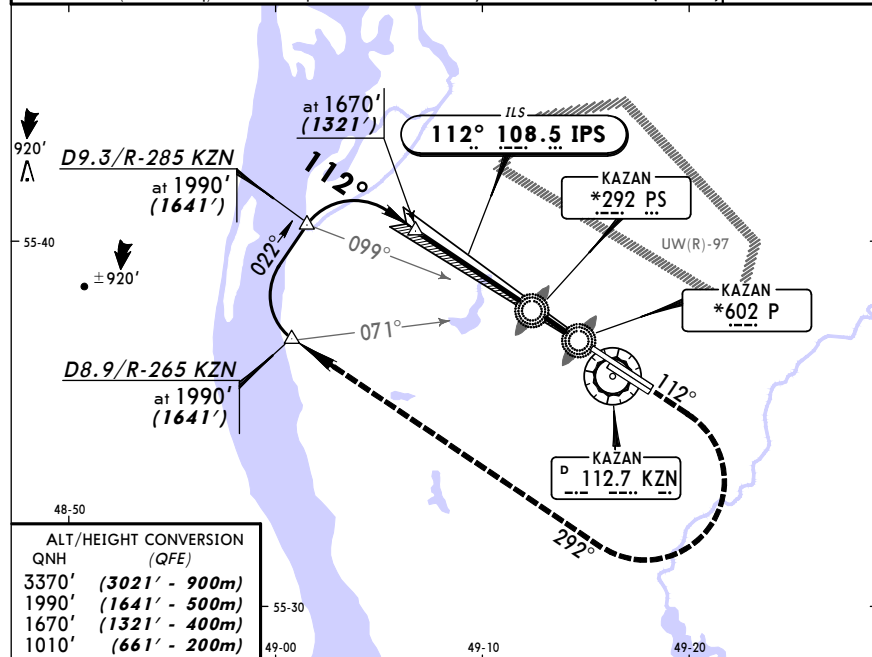
LVP must be in force					
Approved Operators HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A	125m	150m	200m	250m	400m
B					
C					
D	150m	200m	250m	300m	500m

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KAZAN

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24 NOV 06 (11-1)

KAZAN, RUSSIA  
ILS Rwy 11L

ATIS	KAZAN Radar (APP/R)	KAZAN Tower (PAR)	KAZAN Start (TWR)	Taxiing (GND)
126.8	119.4	120.3	120.3	121.7
LOC IPS 108.5	Final Apt Crs 112°	GS LOM 1054'(705')	ILS DA(H) 549'(200')	Apt Elev 414' RWY 349'
MISSED APCH: Climb on 112° to 1010'(661'), then turn RIGHT onto 292° climbing to 1990'(1641'), then according to chart.				2800'
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 3370'(3021')				MSA ARP



STRAIGHT-IN LANDING RWY 11L		LOC (GS out)	
ILS		LOC (GS out)	
DA(H) 549'(200')		LOC (GS out)	
FULL		ALS out	
A			
B			
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED
D			

CHANGES: None.

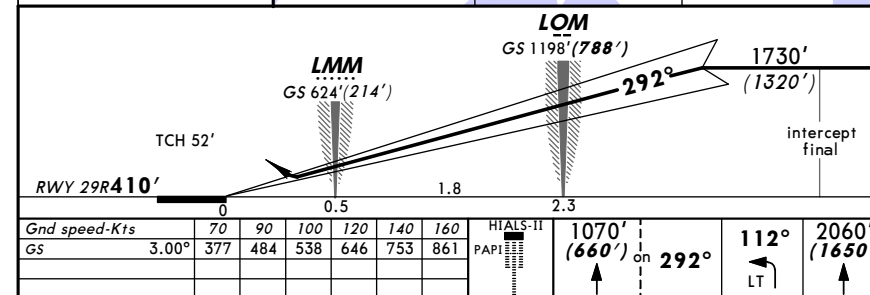
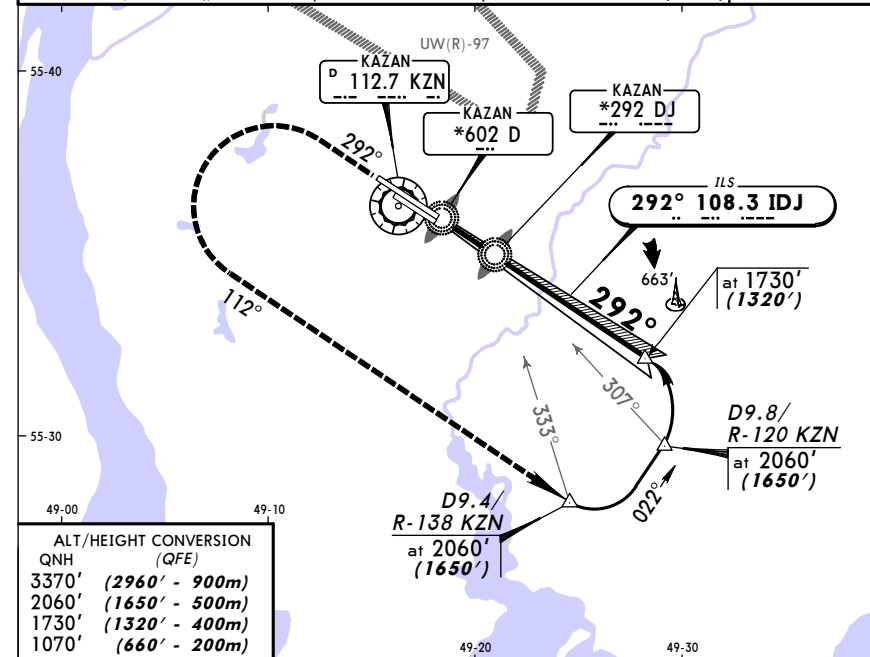
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UWKD/KZN  
KAZAN

JEPPesen  
24 NOV 06 (11-2)

KAZAN, RUSSIA  
ILS Rwy 29R

ATIS	KAZAN Radar (APP/R)	KAZAN Tower (PAR)	KAZAN Start (TWR)	Taxiing (GND)
126.8	119.4	120.3	120.3	121.7
LOC IDJ 108.3	Final Apt Crs 292°	GS LOM 1198'(788')	ILS DA(H) 610'(200')	Apt Elev 414' RWY 410'
MISSED APCH: Climb on 292° to 1070'(660'), then turn LEFT onto 112° climbing to 2060'(1650'), then according to chart.				2800'
Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 3370'(2960')				MSA ARP



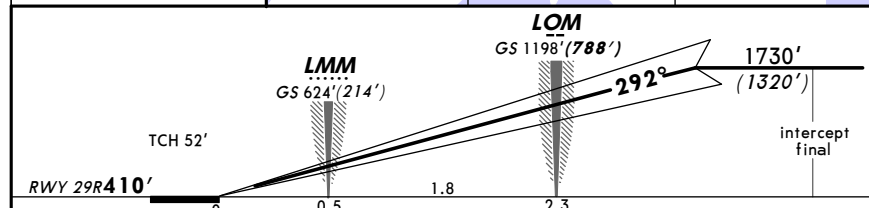
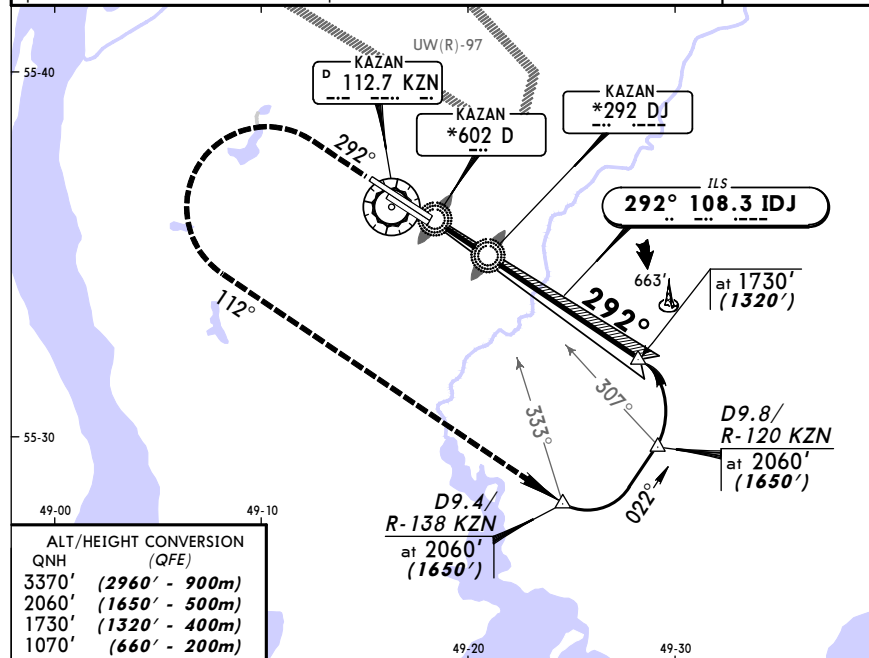
STRAIGHT-IN LANDING RWY 29R		LOC (GS out)	
ILS		LOC (GS out)	
DA(H) 610'(200')		LOC (GS out)	
FULL		ALS out	
A			
B			
C	RVR 720m VIS 800m	1200m	NOT AUTHORIZED
D			

CHANGES: Printing sequence.

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**JEPPESEN**  
24 NOV 06 (11-2A)

KAZAN, RUSSIA  
CAT II ILS Rwy 29R

BRIEFING STRIP™[illegible]

STRAIGHT-IN LANDING RWY 29R  
CAT II ILS  
ABCD  
**RA 113'**  
*DA(H) 510' (100')*

RVR **350m**

**PANS OPS**

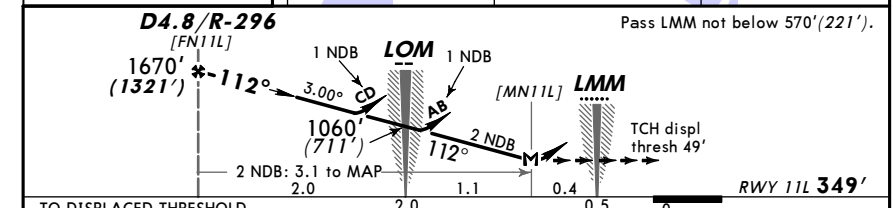
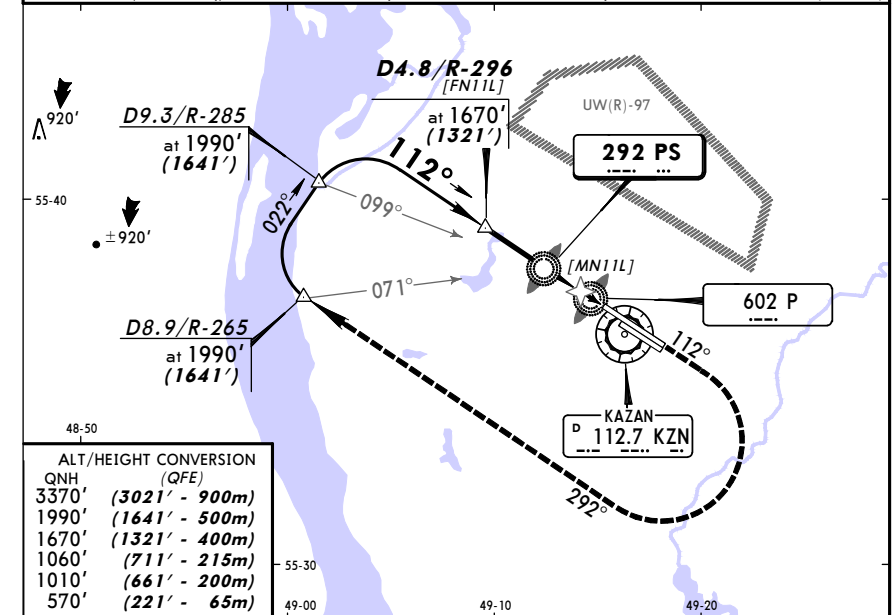
**CHANGES:** New procedure.

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**JEPPESEN**  
14 AUG 09  
ff 27 Aug

**KAZAN, RUSSIA**  
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TO DISPLACED THRESHOLD		2.0						0.5		0	
Gnd speed-Kts		70	90	100	120	140	160	HIALS	1010'		1990'
Descent grad 5.24% or Descent angle 3.00°		372	478	531	637	743	849	PAPI	(661') on 112°	292°	(1641')
2 NDB: D4.8 to MAP 3.1		2:39	2:04	1:52	1:33	1:20	1:10		↑	RT	↑

STRAIGHT-IN LANDING RWY 11L	
MDA(H)	1 NDB
331')	AB:1010'(661')CD:1170'(821')

US OPS	A	1200m	ALS out RVR 1500m VIS 1600m	3200m	ALS out	
	B					
	C				4000m	
	D				4400m	

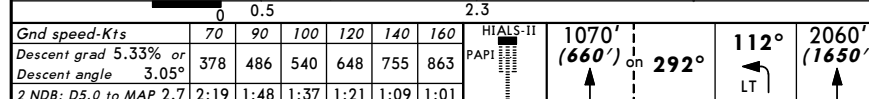
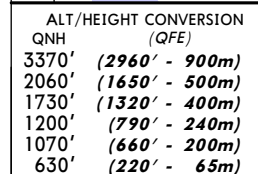
**PANS OPS**

**CHANGES:** MSA. Procedure

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BRIEFING STRIP™

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